



Monterey Park Fire Department

Guideline for Carnival, Fair or Concession Stand Fire Clearance Requirements

PURPOSE

This guideline provides the minimum requirements for a carnival, fair, or concession stand to ensure public safety and compliance with applicable codes and regulations in the jurisdiction of the City of Monterey Park. These requirements are contained in the California Fire Code (CFC).

SCOPE

A fire permit is required for a carnival, fair, or concession stand in connection with assembly areas (the gathering of 50 or more persons). (CFC Chapter 4, Chapter 31, and Section 105). The permit applies to individual tents, temporary structures, or membrane structures greater than 200 square feet in area, and canopies greater than 400 square feet in area used as outdoor carnival and fair booths.

A detailed site and floor plan for tents or membrane structure with an occupant load of 50 or more shall be provided with each application for approval. The tent or membrane structure floor plan shall indicate details of the means of egress facilities, seating capacity, arrangement of the seating and location and type of heating and electrical equipment (CFC 3103.6).

REQUIREMENTS

The Monterey Park Fire Department requires a fire permit, site plan, and inspection 24 hours prior to the operation of a carnival, fair, or concession stand. An appointment shall be scheduled ten days prior to the date of the event at the City of Monterey Park City Hall, 320 W. Newmark Avenue, first floor, (626) 307-1308.

A. DEFINITIONS

For the purpose of this guideline, the following definitions shall apply:

Cooking Booth - Booth where food is prepared by a heating or cooking process such as, but not limited to, grilling, frying, barbecuing, flambé, deep fat frying, baking, warming, or boiling.

Deep Fat Frying - Any cooking operation or process whereby the product floats or is submerged in hot oil during the cooking process.

Concession Stand - Any booth other than a cooking booth

Mobile Food Vendor – Any mobile food facility that stores, prepares packages, serves, vends, or otherwise provides food for human consumption at the retail level.

B. Cooking Booth Construction and Location

1. All fabrics or membranes covering cooking booths shall be certified flame retardant or treated with a fire-retardant paint or spray.
2. Decorative materials shall be inherently fire resistive; or shall be treated with a fire-retardant paint or spray.
3. Flooring materials used within cooking booths and cooking equipment shall be non-combustible or fire-retardant. *(Exception: 3/8" plywood or similar material.)*
4. *Each cooking booth shall have at least one exit-way, a minimum three (3) feet wide and 6'8" high. Booth frames shall not obstruct exit paths.*
5. *Cooking booths shall have a minimum clearance of ten (10) feet on at least two sides with clearance of at least ten (10) feet from any vendor booth.*
6. *A minimum ten (10) foot separation shall be provided between every ten connected cooking booths.*
7. Cooking equipment shall be in a controlled area isolated from contact with the public by fencing (non-combustible barricade), etc. (see attach samples).

Note: For items 1, 2, and 3, a flame test may be required for non-certified flame retardant or treated materials. A field flame test shall require a sample of material measuring 2 inches by 12 inches.

C. Cooking Equipment

1. All interior cooking equipment shall be of an approved type, and open-flame cooking shall be located a minimum of 18 inches from booth back/side drop materials.
2. Camping type stoves may be used only under the following conditions:
 - a. Fuel types shall be approved by the Fire Marshal;
 - b. Kerosene or gasoline shall not be used to fuel stoves;
 - c. Liquid fuel shall not be added to stoves inside booths;
 - d. Fuel capacity for each appliance shall not exceed two (2) gallons;
 - e. Extra fuel shall not be stored inside booths.
4. Butane and propane equipment shall conform to the following:
 - a. Maximum fuel quantity inside each booth shall not exceed ten (10) gallons;
 - b. Shut off valves shall be provided at each fuel source;
 - c. Cooking appliances shall have an ON-OFF valve located far enough away from the appliance to be safely shut off in case of fire;
 - d. The booth operator shall test all connections for leaks with a soap and water solution;
 - e. Fuel tanks shall be protected from damage and secured in an upright position;

Ways of securing the tanks are with a crate (see attach samples), zip ties or other means approved by the Fire Marshal.

- f. Hoses shall be of a type approved for use with the equipment and fuel type;
- g. Tanks not in use shall be turned off;
- h. Extra fuel tanks shall not be stored in booths;
- i. Unused fuel cylinders shall be stored in a secured position. Maximum outside storage is ten (10) gallons.

Note: Specialized cooking equipment used outside of booths may have larger tanks when approved by the Fire Marshal.

D. Concession Stand Construction and Location

- 1. Each concession stand shall have at least one exit-way, a minimum of three (3) feet wide by 6'8" high. Booth frames shall not obstruct exit paths.
- 2. Concession stands shall have a minimum clearance of twenty (20) feet on at least one side, with clearance of at least ten (10) feet from any cooking booth.
- 3. A ten (10) foot wide separation shall be provided for every 200 lineal feet of vendor booths.

E. Electrical Power and Generators

- 1. An Electrical permit and inspection shall be obtained from the Building Department and conformance with the California Electrical Code.
- 2. Extension cords shall be of a grounded type, and approved for exterior use.
- 3. Generators shall be placed only in locations approved for festival use.
- 4. Generators shall not be refueled during event hours. Extra fuel shall not be stored during event hours.
- 5. Smoking and open flames shall be prohibited within 20 feet.
- 6. Generators shall be equipped with a 40BC portable fire extinguisher.
- 7. Generators shall not be located within 20 feet of any combustible material, combustible building surface, or any building openings shall be stored within a controlled area isolated from contact with the public by fencing, barriers, or other enclosure approved by the fire code official.
- 8. Cooking appliance clearance shall be maintained between temporary power distribution boxes or spider boxes.

F. Charcoal Cooking

1. Use only an electric starter or commercially sold lighter fluid.
2. Charcoal cooking and storage of lighter fluid is prohibited inside booths.
3. Charcoal cooking shall be located a minimum of ten (10) feet away from booths and in areas away from public access.
4. Charcoal cooking shall be located at least ten (10) feet away from combustible structures and parked vehicles.
5. Coals shall be disposed of in metal containers approved by the Fire Marshal.

G. Deep Fat Frying, Flambé, and Open Flame Cooking

1. Deep fat frying, flambé, and open flame cooking operations shall be located outside of booths and no closer than 18 inches from any combustible material.
2. Cooking areas shall not be accessible to the public.
3. Deep fat frying equipment shall be equipped with a temperature regulating device or other method of regulating temperatures approved by the Fire Marshal.
4. Separation shall be maintained with a minimum of three (3) feet clearance between deep fat frying and flambé or open flame cooking.

H. Fire Extinguishers

1. Each cooking booth shall be equipped with a fire extinguisher with a minimum rating of 40BC. Booths with deep fat frying or flambé cooking shall be equipped with an extinguisher rated for Class K fires (see attach samples). Concession stands shall be equipped with a 2A:10BC fire extinguisher (see attach sample).
2. Cooking booths shall be equipped with visible and accessible fire extinguishers mounted adjacent to the exit.
3. For concession stands, the maximum travel distance to a fire extinguisher with a minimum rating of 2A:10BC shall not exceed 75 feet. For cooking booths, the maximum travel distance to a fire extinguisher shall not exceed 30 feet.
4. Each generator shall be provided with a fire extinguisher with a minimum 40BC rating. The extinguisher shall be located near the generator and accessible at all times.
5. All fire extinguishers shall have a valid State Fire Marshal tag by a State-licensed contractor (see attach samples).

I. Mobile Food Vendor

1. Each mobile food vendor must be equipped with a 10BC fire extinguisher. A Class K fire extinguisher will be provided for deep fat frying operations.
2. All fire protection equipment shall be properly maintained and serviced at intervals required by the California Fire Code.
3. The vending vehicle does not operate within ten (10) feet from the outer edge of any combustible building surface, any building opening, or any combustible vegetation or materials.
4. The mobile food vendor shall not discharge any liquids (e.g. water, grease, oil, etc.) onto or into City streets or City property, storm drains, catch basins, or sewer facilities. All discharges shall be contained and properly disposed by the mobile food vendor.

J. Miscellaneous

1. All compressed gas cylinders shall be secured in an upright position. Ways of securing the tanks are with a crate (see attach samples), zip ties or other means approved by the Fire Marshal.
2. All cooking areas shall be cleaned regularly to prevent the build-up of grease.
3. Fireworks shall require a licensed technician and fire permit ten days prior to the event.

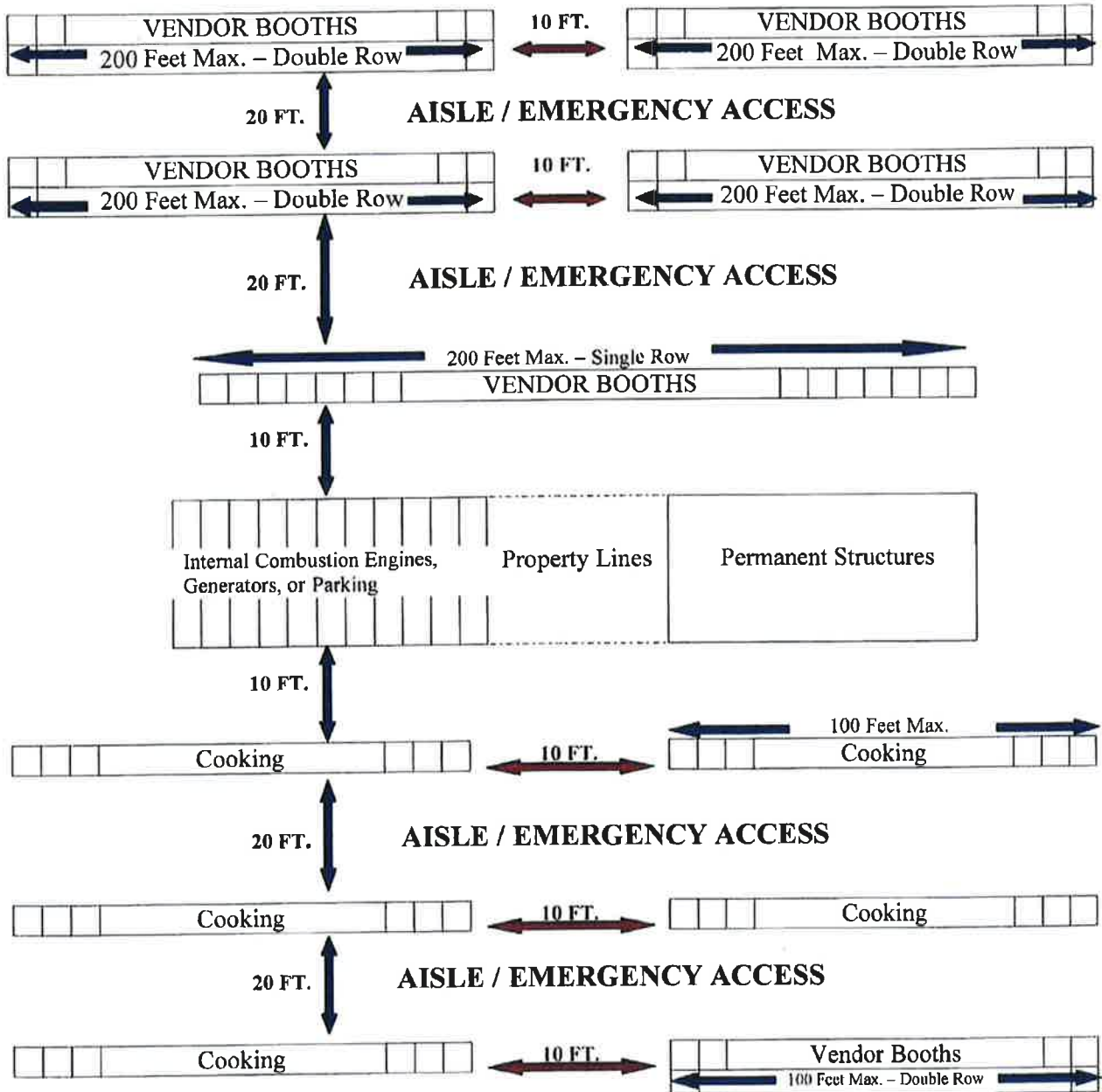
K. Fire Safety Tips

1. Know where fire extinguishers are and how to use them.
2. Do not leave cooking unattended.
3. Do not wear loose-fitting clothing while cooking.
4. Remove trash accumulation regularly.
5. Keep combustible materials away from heat sources.
6. In case of an emergency dial 9-1-1.

FESTIVAL VENDOR AND COOKING BOOTH LOCATIONS

For Use by Unidocs Member Agencies or where approved by your Local Jurisdiction

Authority Cited: California Fire Code



Note: Cooking Booths are limited to single rows only. Back-to-back rows are not permitted. Maximum length of row is 100 feet.

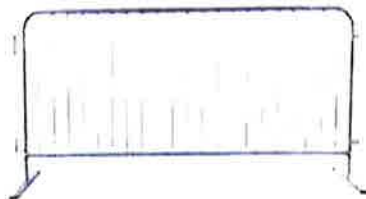
SAMPLES



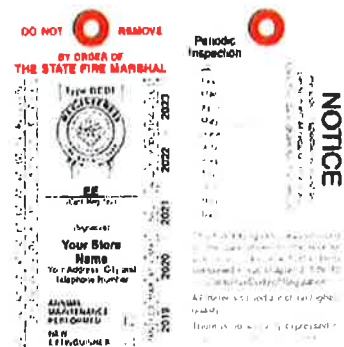
Class K fire extinguisher



Crate for propane tank



Metal barricade



**State Fire Marshal fire extinguisher
service tag**



2A:10 B:C portable fire extinguisher